

Title (en)

SOLUTION COPOLYMERIZATION PROCESS OF MALEIC ANHYDRIDE AND ALKYL VINYL ETHER

Publication

EP 0466824 A4 19920916 (EN)

Application

EP 90906667 A 19900326

Priority

- US 9001560 W 19900326
- US 33440489 A 19890407

Abstract (en)

[origin: US4939198A] A solution feed, solution polymerization method for making copolymers of maleic anhydride and an alkyl vinyl ether is described. In this process, maleic anhydride in a functional organic solvent is fed into a reactor precharged with an alkyl vinyl ether. The reactant solution is polymerized in the presence of a free radical initiator to provide copolymers in solution having low viscosities and high solids content.

IPC 1-7

C08F 2/06; **C08F 222/06**; **C08F 216/18**; **A61K 6/083**

IPC 8 full level

A61K 8/72 (2006.01); **A61K 8/02** (2006.01); **C08F 2/04** (2006.01); **C08F 2/06** (2006.01); **C08F 16/16** (2006.01); **C08F 20/02** (2006.01); **C08F 216/18** (2006.01); **C08F 222/06** (2006.01)

CPC (source: EP US)

C08F 216/18 (2013.01 - EP US); **C08F 222/06** (2013.01 - EP US)

Citation (search report)

- [X] US 2971939 A 19610214 - MASSIMO BAER
- See references of WO 9012037A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 4939198 A 19900703; CA 2014026 A1 19901007; DE 69021051 D1 19950824; DE 69021051 T2 19960307; EP 0466824 A1 19920122; EP 0466824 A4 19920916; EP 0466824 B1 19950719; JP H04504871 A 19920827; WO 9012037 A1 19901018

DOCDB simple family (application)

US 33440489 A 19890407; CA 2014026 A 19900406; DE 69021051 T 19900326; EP 90906667 A 19900326; JP 50641890 A 19900326; US 9001560 W 19900326